



## High Power Industrial Ultrasonic Bath Explosion Proof With Cooling System

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JTS-1030Z
- Minimum Order Quantity: 1
- Price: 1200USD / UNIT
- Packaging Details: Wooden case
- Delivery Time: In Stock
- Payment Terms: T/T
- Supply Ability: 800 pcs per month



#### Product Specification

- Cleaning Media: Flammable And Explosive Detergent
- Technology: T5
- Cooling System: Available
- Explosion-proof: Available
- Oil Skimmer: Available
- Cleaning Tank Size: 550x450x400mm
- Capacity: 100 Liters
- Highlight: **4.5kW industrial ultrasonic bath, Explosion Proof industrial ultrasonic bath, 100 liters industrial Ultrasonic Cleaning Machine**



## Product Description

### High Power Ultrasonic Bath with Cooling System Explosion Proof Ultrasonic Cleaning Machine

#### Product Features

1. Digital touch: light touch button operation, digital display time and temperature;
2. Adjustable temperature: room temperature-95 degrees adjustable;
3. Adjustable power: 0-100% adjustable;
4. Adjustable time: 0-99H adjustable (normally open); 2.0 Argon welding liner: SUS304 stainless steel, 2mm thickness is more durable;
5. Stainless steel shell: buckle connection of square steel frame door, anti-dirty and anti-fingerprint; Stainless steel silencer cover: SUS304 stainless steel, dirt-resistant and fingerprint-proof;
6. Stainless steel basket: SUS304 stainless steel, a variety of meshes are available, and steel bars are reinforced;
7. Machine power cord: adopts industrial thickened cable, which is durable;
8. Non-slip casters: The machine adopts the design of movable stop-aid casters, which is convenient to move and fix;
9. Generator: brand generator with frequency sweep function;
10. Independent research and development drive: imported original electrical accessories, stable output;
11. Transducer: Industrial imported head shaking, strong force and good effect, high conversion rate, long working hours;
12. Cooling system: The fan cooperates with multiple holes to dissipate heat in multiple directions.

Specifications of ultrasonic cleaner	
Model name	JTS-1030Z
Working vessel Dimensions	550x450x400(LxWxH).
Cleaning tank capacity	96 liters
Material	all-stainless steel 304.
Total ultrasonic energy	max. 4.5 kW
Ultrasonic generator	1pcs, explosive proof generator
Ultrasonic technology	explosive proof
Transducer frequency	28 kHz or 40 kHz
Ultrasonic transducer power	ultrasonic power 30x50W = 1.5 kW.
Ultrasonic mode	Power adjustable
Heater	6 kW, constant . temperature approx. 20-95°C, in combination with ultrasonic power
Oil skimmer and separator	On behalf of removal of floating contaminants
Overflow tank	On behalf of maintaining the right liquid in cleaning vessel
Cover	for covering the cleaning tank top, hydraulically operated
Leveling	4 manually adjustable legs for system leveling
Basket	on behalf of safe positioning of parts; max. permissible weight 15 tonnes
Generator	1 set, explosive proof
Control	by means of a single electric box.
Power supply	3 phase power
Shipment	By air, by sea

#### Characteristics

Ultrasonic activity operates on similar principles to sound waves. As electrical energy is transferred to mechanical energy, it causes positive and negative pressure waves that generate microscopic bubbles that form on all surfaces throughout the component being cleaned. But these are no ordinary bubbles. The air bubbles in the fluid in ultrasonic cleaning equipment implode when they come into contact with a solid surface. This effect is known as cavitation. When the air bubbles implode, a powerful jet of fluid is created which comes into contact with the surfaces of the objects being cleaned at extremely high pressures and temperatures. This dynamic effect separates contaminants from all surfaces without damaging the object in any way. These micro-jet shock waves, combined with special ultrasonic cleaning solvents, remove bitumen, heavy oils, fats lime scale deposits and other (chemical) waste products in refineries much faster and more thoroughly than conventional methods (high pressure, steam, mechanical and chemical cleaning).

Usage: The system is developed to generate a faster and higher cleaning level by means of ultrasonic power, in combination with specialized chemicals (degradable). Due to the microscopic level a perfect inner and outer penetration will be created.

## Application

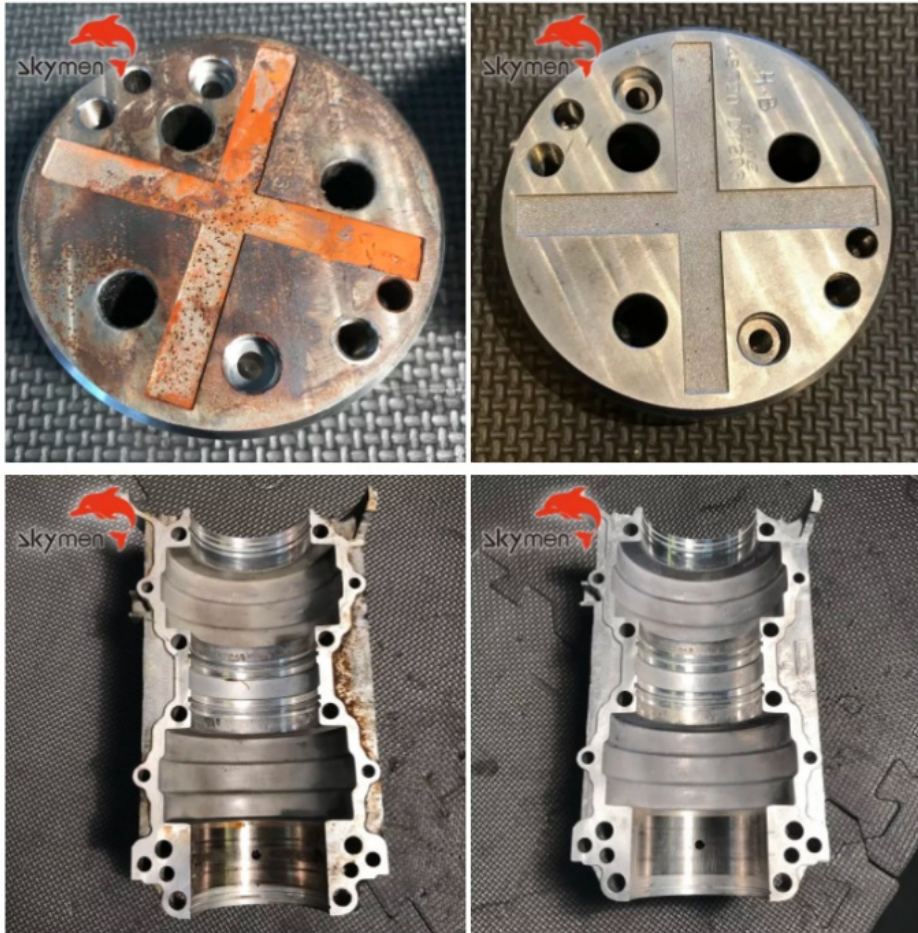
### Application



## Same Series explosive proof ultrasonic cleaner List

Model	Tank size L*W*H (mm)	Volume (L)	Transducer (pcs)	Ultrasonic Power (W)	Heating Power (W)	Explosive proof Yes/no	Cooling system Option
JTS-120Z	500X300X250	38	12	600	1500	Yes	Availale
JTS-180Z	500X350X300	53	18	900	1500	Yes	Availale
JTS-240Z	550X400X350	77	24	1200	3000	Yes	Availale
JTS-300Z	550X450X400	99	30	1500	4500	Yes	Availale
JTS-301Z	800X300X400	96	30	1500	4500	Yes	Availale
JTS-360Z	600X500X450	135	36	1800	4500	Yes	Availale
JTS-480Z	700X500X500	175	48	2400	6000	Yes	Availale
JTS-600Z	800X600X550	246	60	3000	6000	Yes	Availale
JTS-720Z	1000X600X600	360	72	3600	9000	Yes	Availale
JTS-840Z	1500X700X400	420	84	4200	15000	Yes	Availale
JTS-960Z	1200X500X800	480	96	4800	15000	Yes	Availale
JTS-1108Z	1000X900X600	540	108	5400	18000	Yes	Availale
JTS-1120Z	1000X800X800	640	120	6000	21000	Yes	Availale
JTS-1132Z	1000X1000X800	800	132	6600	24000	Yes	Availale
JTS-1144Z	1000X900X600	960	144	7200	24000	Yes	Availale
JTS-1180Z	1200X1000X1000	1200	180	9000	36000	Yes	Availale
JTS-1192Z	1200X1200X1000	1440	192	9600	36000	Yes	Availale

## Cleaning Effect



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